Journal of the American Statistical Association

CONTENTS OF VOLUME 85
Numbers 409–412

Articles 1, 273, 609, 915
Book Reviews 254, 590, 900, 1165
Publications Received 270, 606, 913, 1180
Letters to the Editor 608
Corrections 272, 608, 1182

Index to Volume 85
Articles 1187
Books Reviewed 1190
Reviewers 1191

INDEX TO VOLUME 85 (1990)

ARTICLES* (BY AUTHOR)

Agresti, Alan, Mehta, Cyrus R., and Patel, Nitin R., "Exact Inference for Contingency Tables With Ordered Categories," 453 (TM)

Ahn, Sung K., and Reinsel, Gregory C., "Estimation for Partially Nonstationary Multi-variate Autoregressive Models," 813 (TM)

Akritas, Michael G., "The Rank Transform Method in Some Two-Factor Designs," 73 (TM)

Alho, Juha M., and Spencer, Bruce D., "Error Models for Official Mortality Forecasts," 609 (A)

Altman, N. S., "Kernel Smoothing of Data With Correlated Errors," 749 (TM)

Ammann, L. P. (*see* Thompson, G. L.)

Andrews, D. M., and David, H. A., "Nonparametric Analysis of Unbalanced Paired-Comparison or Ranked Data," 1140 (TM)

Ansley, Craig F. (*see* Shively, Thomas S.)

Arminger, Gerhard, and Sobel, Michael E., "Pseudo-Maximum Likelihood Estimation of Mean and Covariance Structures With Missing Data," 195 (TM)

Bacchetti, Peter, "Estimating the Incubation Period of AIDS by Comparing Population Infection and Diagnosis Patterns," 1002 (A)

Bagchi, Partha (*see* Fairley, William B.)

Baker, Stuart G., and Chu, Kenneth C., "Evaluating Screening for the Early Detection and Treatment of Cancer Without Using a Randomized Control Group," 321 (A)

Bassett, Gilbert W., Jr. (*see* Rousseeuw, Peter J.)

Bauer, Harold R. (*see* Stasny, Elizabeth A.)

Bennett, Neil G. (*see* Bloom, David E.)

Beran, Rudolf, "Calibrating Prediction Regions," 715 (TM); "Refining Bootstrap Simultaneous Confidence Sets," 417 (TM)

Bethlehem, Jelke G., Kelly, Wouter J., and Pannekoek, Jeroen, "Disclosure Control of Microdata," 38 (A)

Blaylock, Neil W., Jr. (*see* Mason, Robert L.)

Bloom, David E., and Bennett, Neil G., "Modeling American Marriage Patterns," 1009 (A)

Brant, Rollin, "Comparing Classical and Resistant Outlier Rules," 1083 (TM)

Breslow, Norman, "Tests of Hypotheses in Overdispersed Poisson Regression and Other Quasi-Likelihood Methods," 565 (TM)

Brown, Lawrence D., and Farrell, Roger H., "A Lower Bound for the Risk in Estimating the Value of a Probability Density," 1147 (TM)

Buonaccorsi, John P., "Double Sampling for Exact Values in Some Multivariate Measurement Error Problems," 1075 (TM)

Cain, Michael, and Owen, Roger J., "Regressor Levels for Bayesian Predictive Response," 228 (TM)

Carlin, Bradley P., and Gelfand, Alan E., "Approaches for Empirical Bayes Confidence Intervals," 105 (TM)

Carroll, Raymond J. (*see* Clogg, Clifford C.)

Carroll, Raymond J., and Stefanski, Leonard A., "Approximate Quasi-likelihood Estimation in Models With Surrogate Predictors," 652 (TM)

Chan, Ngai Hang, "Inference for Near Integrated Time Series With Infinite Variance," 1069 (TM)

Chen, Hanfeng, "The Accuracy of Approximate Intervals for a Binomial Parameter," 514 (TM)

Chu, Kenneth C. (*see* Baker, Stuart G.)

Clogg, Clifford C., Carroll, Raymond J., and Guthrie, Donald, "Editors' Report for 1989," 273

Clatton-Brock, M., "Density Estimation Using Exponentials of Orthogonal Series," 760 (TM)

Cook, R. Dennis, and Hawkins, Douglas M., "Comment" on Rousseeuw, Peter J., and van Zomeren, Bert C., 640 (IE)

Cook, R. Dennis, and Tsai, Chih-Ling, "Diagnostics for Assessing the Accuracy of Normal Approximations in Exponential Family Nonlinear Models," 770 (TM)

Cook, R. Dennis, and Weisberg, Sanford, "Confidence Curves in Nonlinear Regression," 544 (TM)

Cox, Thomas, "Comment" on Hansen, Morris H., and Tepping, Benjamin J., 868 (IE)

Crouch, Edmund A. C., and Spiegelman, Donna, "The Evaluation of Integrals of the Form $\int_{-\infty}^{+\infty} f(t)\exp(-t^2)\,dt$; Application to Logistic-Normal Models," 464 (TM)

Cryer, Jonathan D., Nankervis, John C., and Savin, N. E., "Forecast Error Symmetry in ARIMA Models," 724 (TM)

Dabrowska, Dorota M., "Signed-Rank Tests for Censored Matched Pairs," 478 (TM)

David, H. A. (*see* Andrews, D. M.)

Davidson, Russell, and MacKinnon, James G., "Specification Tests Based on Artificial Regressions," 220 (TM)

Donald, Alan, and Donner, Allan, "A Simulation Study of the Analysis of Sets of 2 × 2 Contingency Tables Under Cluster Sampling: Estimation of a Common Odds Ratio," 537 (TM)

Donner, Allan (*see* Donald, Alan)

Dorfman, Alan H., "Comment" on Hansen, Morris H., and Tepping, Benjamin J., 869 (IE)

Duan, Naihua, "The Adjoint Projection Pursuit Regression," 1029 (TM)

Easton, George S., and McCulloch, Robert E., "A Multivariate Generalization of Quantile–Quantile Plots," 376 (TM)

Edelman, David, "An Inequality of Optimal Order for the Tail Probabilities of the *T* Statistic Under Symmetry," 120 (TM)

Edelsbrunner, Herbert, and Souvaine, Diane L., "Computing Least Median of Squares Regression Lines and Guided Topological Sweep," 115 (TM)

Efron, Bradley, "More Efficient Bootstrap Computations," 79 (TM)

Eubank, R. L., and LaRiccia, V. N., "Components of Pearson's Phi-Squared Distance Measure for the *k*-Sample Problem," 441 (TM)

Eubank, R. L., and Spiegelman, C. H., "Testing the Goodness of Fit of a Linear Model Via Nonparametric Regression Techniques," 387 (TM)

Fairley, William B., Izenman, Alan J., and Bagchi, Partha, "Inference for Welfare Quality Control Programs," 874 (QC)

Faraway, Julian J., and Jhun, Myoungshic, "Bootstrap Choice of Bandwidth for Density Estimation," 1119 (TM)

* A, Applications and Case Studies; BS, Biopharmaceutical Statistics; IE, Invited Essay; QC, Quality Control of Welfare Programs; PA, Presidential Address; RP, Review Paper; TM, Theory and Methods.

Farrell, Roger H. (*see* Brown, Lawrence D.)
Field, Christopher (*see* Tingley, Maureen)
Fienberg, Stephen E., "Comment" on Sudiman, Lucy, and Jordan, Brigitte, 241 (IE)
Findley, David F., Monsell, Brian C., Shulman, Holly B., and Pugh, Marian G., "Sliding-Spans Diagnostics for Seasonal and Related Adjustments," 345 (A)
Finner, Helmut, "Some New Inequalities for the Range Distribution, With Application to the Determination of Optimum Significance Levels of Multiple Range Tests," 191 (TM)
Freeman, William R. (*see* Tarter, Michael E.)
Frees, Edward W., and Ruppert, David, "Estimation Following a Sequentially Designed Experiment," 1123 (TM)
Fujii, Yoshinori (*see* Yanagawa, Takashi)
Gelfand, Alan E. (*see* Carlin, Bradley P.)
Gelfand, Alan E., Hills, Susan E., Racine-Poon, Amy, and Smith, Adrian F. M., "Illustration of Bayesian Inference in Normal Data Models Using Gibbs Sampling," 972 (A)
Gelfand, Alan E., and Smith, Adrian F. M., "Sampling-Based Approaches to Calculating Marginal Densities," 398 (TM)
Gelman, Andrew, and King, Gary, "Estimating the Electoral Consequences of Legislative Redistricting," 274 (A)
Gong, Gail, Whittemore, Alice S., and Grosser, Stella, "Censored Survival Data With Misclassified Covariates: A Case Study of Breast-Cancer Mortality," 20 (A)
Goodman, Leo A., and Habersham, Shelby J., "The Analysis of Nonadditivity in Two-Way Analysis of Variance," 139 (TM)
Gordon, K., and Smith, A. F. M., "Modeling and Monitoring Biomedical Time Series," 328 (A)
Grillenzoni, Carlo, "Modeling Time-Varying Dynamical Systems," 499 (TM)
Grogger, Jeffrey, "The Deterrent Effect of Capital Punishment: An Analysis of Daily Homicide Counts," 295 (A)
Grosser, Steila (*see* Gong, Gail)
Gu, Chong, "Adaptive Spline Smoothing in Non-Gaussian Regression Models," 801 (TM)
Guthrie, Donald (*see* Clogg, Clifford C.)
Haas, Timothy C., "Lognormal and Moving Window Methods of Estimating Acid Deposition," 950 (A)
Habersham, Shelby J. (*see* Goodman, Leo A.)
Hadi, Ali S., and Wells, Martin T., "Assessing the Effects of Multiple Rows on the Condition Number of a Matrix," 786 (TM)
Hahn, Robert A., "Comment" on Suchman, Lucy, and Jordan, Brigitte, 244 (IE)
Hall, Peter, and Hart, Jeffrey D., "Bootstrap Test for Difference Between Means in Nonparametric Regression," 1039 (TM)
Hansen, Morris H., and Tepping, Benjamin J., "Regression Estimates in Federal Welfare Quality Control Programs," 856 (QC); Rejoinder, 871
Harder, Melinda H., "Effects of Censoring on the Validity of Confidence Intervals," 90 (TM)
Harrington, David P. (*see* Sleeper, Lynn A.)
Harris, Jeffrey E., "Reporting Delays and the Incidence of AIDS," 915 (A)
Hart, Jeffrey D. (*see* Hall, Peter)
Haseman, Joseph K., Zeiger, Errol, Shelby, Michael D., Margolin, Barry H., and Tennant, Raymond W., "Predicting Rodent Carcinogenicity From Four In Vitro Genetic Toxicity Assays: An Evaluation of 114 Chemicals Studied by the National Toxicology Program," 964 (A)
Hawkins, Douglas M. (*see* Cook, R. Dennis)
Hayter, A. J., "A One-Sided Studentized Range Test for Testing Against a Simple Ordered Alternative," 778 (TM)
He, Kun, "An Ancillarity Paradox in the Estimation of Multinomial Probabilities," 824 (TM)
He, Yuming, Simpson, Douglas G., and Portnoy, Stephen L., "Breakdown Robustness of Tests," 446 (TM)
Heckman, James J., Robb, Richard, and Walker, James R., "Testing the Mixture of Exponentials Hypothesis and Estimating the Mixing Distribution by the Method of Moments," 582 (TM)
Heckman, James J., and Walker, James R., "Estimating Fecundability From Data on Waiting Times to First Conception," 283 (A)
Heitjan, Daniel F., and Rubin, Donald B., "Inference From Coarse Data Via Multiple Imputation With Application to Age Heaping," 304 (A)
Hettmansperger, Thomas P. (*see* Markatou, Marianthi; McKean, Joseph W.; Wang, Jane-Ling)
Hills, Susan E. (*see* Gelfand, Alan E.)
Hoaglin, David C. (*see* Puma, Michael J.)
Hurvich, Clifford M., and Zeger, Scott L., "A Frequency Domain Selection Criterion for Regression With Autocorrelated Errors," 705 (TM)
Ibrahim, Joseph G., "Incomplete Data in Generalized Linear Models," 765 (TM)
Ikeda, Michael (*see* Strauss, David)
Izenman, Alan J. (*see* Fairley, William B.)
Jhun, Myoungshic (*see* Faraway, Julian J.)
Johnson, Robert Alan, "Measurement of Hispanic Ethnicity in the U.S. Census: An Evaluation Based on Latent-Class Analysis," 58 (A)
Jordan, Brigitte (*see* Suchman, Lucy)
Kadane, Joseph B., "A Statistical Analysis of Adverse Impact of Employer Decisions," 925 (A); *see also* Schervish, Mark J.
Keating, Jerome P. (*see* Mason, Robert L.)
Kelly, Wouter J. (*see* Bethlehem, Jelke G.)
Kempthorne, Peter J., and Mendel, Max B., "Comment" on Rousseeuw, Peter J., and van Zomeren, Bert C., 647 (IE)
Keramidas, Elaine M., and Lee, Jack C., "Forecasting Technological Substitutions With Concurrent Short Time Series," 625 (A)
Kim, Choongrak (*see* Stoner, Barry E.)
King, Gary (*see* Gelman, Andrew)
Koenker, Roger, and Portnoy, Stephen, "*M* Estimation of Multivariate Regressions," 1060 (TM)
Kohn, Robert (*see* Shively, Thomas S.)
Kovar, Mary Grace, and Royston, Patricia, "Comment" on Suchman, Lucy, and Jordan, Brigitte, 246 (IE)
Kramer, Fredrica D., "Statistics and Policy in Welfare Quality Control: A Basis for Understanding and Assessing Competing Views," 850 (QC)
Krieger, Abba M. (*see* Rosenbaum, Paul R.)
Kunert, Joachim, "On the Power of Tests for Multiple Comparisons of Three Normal Means," 808 (TM)
LaRiccia, V. N. (*see* Eubank, R. L.)
Lee, Jack C. (*see* Keramidas, Elaine M.)
Liang, Kung-Yee, and Waclawiw, Myron A., "Extension of the Stein Estimating Procedure Through the Use of Estimating Functions," 435 (TM)
Lin, D. Y. (*see* Wei, L. G.)
Lloyd, Christopher J., "Confidence Intervals From the Difference Between Two Correlated Proportions," 1154 (TM)
MacKinnon, James G. (*see* Davidson, Russell)
Manski, Charles F., "The Use of Intentions Data to Predict Behavior: A Best-Case Analysis," 934 (A)
Margolin, Barry H. (*see* Haseman, Joseph K.)
Markatou, Marianthi, and Hettmansperger, Thomas P., "Robust Bounded Influence Tests in Linear Models," 187 (TM)
Marron, J. S. (*see* Park, Byeong U.; Sheather, Simon J.)
Martin, Michael A., "On Bootstrap Iteration for Coverage Correction in Confidence Intervals," 1105 (TM)
Mason, Robert L., Keating, Jerome P., Sen, Pranab K., and Blaylock, Neil W., Jr., "Comparison of Linear Estimators Using Pitman's Measure of Closeness," 579 (TM)
McCulloch, Charles E. (*see* Rubin, Gail)
McCulloch, Robert E. (*see* Easton, George S.)
McKean, Joseph W., Sheather, Simon J., and Hettmansperger, Thomas P., "Regression Diagnostics for Rank-Based Methods," 1018 (TM)
McWilliams, Thomas P., "A Distribution-Free Test for Symmetry Based on a Runs Statistic," 1130 (TM)
Mee, Robert W., "Confidence Intervals for Probabilities and Tolerance Regions Based on a Generalization of the Mann–Whitney Statistic," 793 (TM)
Mehta, Cyrus R. (*see* Agresti, Alan)
Mendel, Max B. (*see* Kempthorne, Peter J.)
Monsell, Brian C. (*see* Findley, David F.)
Morrison, H. L. (*see* Welsh, A. H.)
Moses, Lincoln E. (*see* Spencer, Bruce D.)
Nankervis, John C. (*see* Cryer, Jonathan D.)
Neter, John, "Comment" on Hansen, Morris H., and Tepping, Benjamin J., 864 (IE)
Nizam, Azhar (*see* Spurrier, John D.)

Norwood, Janet L., "Statistics and Public Policy: Reflections of a Changing World," 1 (PA)
O'Hagan, A., "Outliers and Credence for Location Parameter Inference," 172 (TM)
O'Sullivan, Finbarr, "An Iterative Approach to Two-Dimensional Laplacian Smoothing With Application to Image Restoration," 213 (TM)
Owen, Roger J. (*see* Cain, Michael)
Page, Connie Faye, "Allocation Proportional to Coefficients of Variation When Estimating the Product of Parameters," 1134 (TM)
Pannekoek, Jeroen (*see* Bethlehem, Jelke G.)
Park, Byeong U., and Marron, J. S., "Comparison of Data-Driven Bandwidth Selectors," 66 (TM)
Park, T. S. (*see* Wei, L. J.)
Patel, Nitin R. (*see* Agresti, Alan)
Peters, Dawn, and Randles, Ronald H., "A Multivariate Signed-Rank Test for the One-Sample Location Problem," 552 (TM)
Polissar, Lincoln (*see* Tarter, Michael E.)
Porter-Hudak, Susan, "An Application of the Seasonal Fractionally Differenced Model to the Monetary Aggregates," 338 (A)
Portnoy, Stephen (*see* Koenker, Roger)
Portnoy, Stephen L. (*see* He, Yuming)
Prasad, N. G. N., and Rao, J. N. K., "The Estimation of the Mean Squared Error of Small-Area Estimators," 163 (TM)
Press, S. James, and Tanur, Judith M., "Comment" on Hansen, Morris H., and Tepping, Benjamin J., 866 (IE)
Pugh, Marian G. (*see* Findley, David F.)
Puma, Michael J., and Hoaglin, David C., "Food Stamp Payment Error Rates: Can State-Specific Performance Standards Be Developed?" 891 (QC)
Racine-Poon, Amy (*see* Gelfand, Alan E.)
Randles, Ronald H. (*see* Peters, Dawn)
Rao, J. N. K. (*see* Prasad, N. G. N.)
Raz, Jonathan, "Testing for No Effect When Estimating a Smooth Function by Nonparametric Regression: A Randomization Approach," 132 (TM)
Reinsel, Gregory C. (*see* Ahn, Sung K.)
Reneau, D. M., and Samaniego, F. J., "Estimating the Survival Curve When New Is Better Than Used of a Specific Age," 123 (TM)
Robb, Richard (*see* Heckman, James J.)
Roeder, Kathryn, "Density Estimation With Confidence Sets Exemplified by Superclusters and Voids in the Galaxies," 617 (A)
Romano, Joseph P., "On the Behavior of Randomization Tests Without a Group Invariance Assumption," 686 (TM)
Rosenbaum, Paul R., and Krieger, Abba M., "Sensitivity of Two-Sample Permutation Inferences in Observational Studies," 493 (TM)
Rousseeuw, Peter J., and Bassett, Gilbert W., Jr., "The Remedian: A Robust Averaging Method for Large Data Sets," 97 (TM)
Rousseeuw, Peter J., and van Zomeren, Bert C., "Unmasking Multivariate Outliers and Leverage Points," 633 (TM); Rejoinder, 648 (TM)
Royston, Patricia (*see* Kovar, Mary Grace)
Rubin, Donald B. (*see* Heitjan, Daniel F.)
Rubin, Gail, McCulloch, Charles E., and Shapiro, Michael A., "Multinomial Runs Tests to Detect Clustering in Constrained Free Recall," 315 (A)
Ruppert, David (*see* Frees, Edward W.)
Ruppert, David, and Simpson, Douglas G., "Comment" on Rousseeuw, Peter J., and van Zomeren, Bert C., 644 (IE)
Rust, Philip F., and Voit, Eberhard O., "Statistical Densities, Cumulatives, Quantiles, and Power Obtained by *S*-System Differential Equations," 572 (TM)
Samaniego, F. J. (*see* Reneau, D. M.)
Sampson, Michael, "A Markov Chain Model for Unskilled Workers and the Highly Mobile," 177 (TM)
Savin, N. E. (*see* Cryer, Jonathan D.)
Schegloff, Emanuel A., "Comment" on Suchman, Lucy, and Jordan, Brigitte, 248 (IE)
Schervish, Mark J., Seidenfeld, Teddy, and Kadane, Joseph B., "State-Dependent Utilities," 840 (TM)
Schucany, William R. (*see* Thombs, Lori A.)
Seidenfeld, Teddy (*see* Schervish, Mark J.)
Sen, Pranab K. (*see* Mason, Robert L.)
Shaman, Paul (*see* Stine, Robert A.)
Shapiro, Michael A. (*see* Rubin, Gail)
Sheather, Simon J. (*see* McKean, Joseph W.)
Sheather, Simon J., and Marron, J. S., "Kernel Quantile Estimators," 410 (TM)
Shelby, Michael D. (*see* Haseman, Joseph K.)
Shively, Thomas S., Ansley, Craig F., and Kohn, Robert, "Fast Evaluation of the Distribution of the Durbin–Watson and Other Invariant Test Statistics in Time Series Regression," 676 (TM)
Shmueli, Uri, and Weiss, George H., "Probabilistic Methods in Crystal Structure Analysis," 6 (A)
Shulman, Holly B. (*see* Findley, David F.)
Simpson, Douglas G. (*see* He, Yuming; Ruppert, David)
Sincich, Terry (*see* Smith, Stanley K.)
Sleeper, Lynn A., and Harrington, David P., "Regression Splines in the Cox Model With Application to Covariate Effects in Liver Disease," 941 (A)
Smith, A. F. M. (*see* Gordon, K.)
Smith, Adrian F. M. (*see* Gelfand, Alan E.)
Smith, Stanley K., and Sincich, Terry, "The Relationship Between the Length of the Base Period and Population Forecast Errors," 367 (A)
Smythe, R. T. (*see* Wei, L. J.)
Sobel, Michael E. (*see* Arminger, Gerhard)
Souvaine, Diane L. (*see* Edelsbrunner, Herbert)
Spencer, Bruce D. (*see* Alho, Juha M.)
Spencer, Bruce D., and Moses, Lincoln E., "Needed Data Expenditure for an Ambiguous Decision Problem," 1099 (TM)
Spiegelman, C. H. (*see* Eubank, R. L.)
Spiegelman, Donna (*see* Crouch, Edmund A. C.)
Spurrier, John D., and Nizam, Azhar, "Sample Size Allocation for Simultaneous Inference in Comparison With Control Experiments," 181 (TM)
Stasny, Elizabeth A., and Bauer, Harold R., "Deviations From Randomness in Children's Early Speech," 46 (A)
Stefanski, Leonard J. (*see* Carroll, Raymond J.)
Stern, Hal, "Models for Distributions on Permutations," 558 (TM)
Stine, Robert A., and Shaman, Paul, "Bias of Autoregressive Spectral Estimators," 1091 (TM)
Storer, Barry E., and Kim, Choongrak, "Exact Properties of Some Exact Test Statistics for Comparing Two Binomial Proportions," 146 (TM)
Strauss, David, and Ikeda, Michael, "Pseudolikelihood Estimation for Social Networks," 204 (TM)
Suchman, Lucy, and Jordan, Brigitte, "Interactional Troubles in Face-to-Face Survey Interviews," 232 (RP); Rejoinder, 252 (RP)
Tableman, Mara, "Bounded-Influence Rank Regression: A One-Step Estimator Based on Wilcoxon Scores," 508 (TM)
Tanner, Martin A. (*see* Wei, Greg C. G.)
Tanur, Judith M. (*see* Press, James S.)
Tarter, Michael E., Freeman, William R., and Polissar, Lincoln, "Modular Nonparametric Subsurvival Estimation," 29 (A)
Tennant, Raymond W. (*see* Haseman, Joseph F.)
Tepping, Benjamin J. (*see* Hansen, Morris H.)
Terrell, George R., "The Maximal Smoothing Principle in Density Estimation," 470 (TM)
Thomas, William, "Influence on Confidence Regions for Regression Coefficients in Generalized Linear Models," 393 (TM)
Thombs, Lori A., and Schucany, William R., "Bootstrap Prediction Intervals for Autoregression," 486 (TM)
Thompson, G. L., and Ammann, L. P., "Efficiencies of Interblock Rank Statistics for Repeated Measures Designs," 519 (TM)
Thompson, Steven K., "Adaptive Cluster Sampling," 1050 (TM)
Tingley, Maureen, and Field, Christopher, "Small-Sample Confidence Intervals," 427 (TM)
Tourangeau, Roger, "Comment" on Suchman, Lucy, and Jordan, Brigitte, 250 (IE)
Tsai, Chih-Ling (*see* Cook, R. Dennis)
van Zomeren, Bert C. (*see* Rousseeuw, Peter J.)
Villegas, C., "Bayesian Inference in Models With Euclidean Structures," 1159 (TM)
Voit, Eberhard O. (*see* Rust, Philip F.)
Waclawiw, Myron A. (*see* Liang, Kung Yee)
Walker, James R. (*see* Heckman, James J.)

Wang, Jane-Ling, and Hettmansperger, Thomas P., "Two-Sample Inference for Median Survival Times Based on One-Sample Procedures for Censored Survival Data," 529 (TM)
Wegman, Edward J., "Hyperdimensional Data Analysis Using Parallel Coordinates," 664 (TM)
Wei, Greg C. G., and Tanner, Martin A., "A Monte Carlo Implementation of the EM Algorithm and the Poor Man's Data Augmentation Algorithm," 699 (TM); "Posterior Computations for Censored Regression Data," 829 (TM)
Wei, L. J., Smythe, R. T., Lin, D. Y., and Park, T. S., "Statistical Inference With Data-Dependent Treatment Allocation Rules," 156 (TM)
Weisberg, Sanford (*see* Cook, R. Dennis)
Weiss, George H. (*see* Schmueli, Uri)
Welch, William J., "Construction of Permutation Tests," 693 (TM)
Wells, Martin T., "The Relative Efficiency of Goodness-of-Fit Statistics in the Simple and Composite Hypothesis-Testing Problem," 459 (TM); *see also* Hadi, Ali S.
Welsh, A. H., and Morrison, H. L., "Robust *L* Estimation of Scale With an Application in Astronomy," 729 (TM)
Whittemore, Alice S. (*see* Gong, Gail)
Yamaguchi, Kazuo, "Homophily and Social Distance in the Choice of Multiple Friends," 356 (A)
Yanagawa, Takashi, and Fujii, Yoshinori, "Homogeneity Test With a Generalized Mantel–Haenzel Estimator for $L2 \times K$ Contingency Tables," 744 (TM)
Zeger, Scott L. (*see* Hurvich, Clifford M.)
Zeiger, Errol (*see* Haseman, Joseph K.)
Zieschang, Kimberly D., "Sample Weighting Methods and Estimation of Totals in the Consumer Expenditure Survey," 986 (A)

BOOKS REVIEWED (BY AUTHOR OR EDITOR)

Adams, John S., *Housing America in the 1980s,* 904
Aitken, Murray, Anderson, Dorothy, Francis, Brian, and Hinds, John, *Statistical Modelling in GLIM,* 267
Alonso, William, and Starr, Paul, *The Politics of Numbers,* 602
Anderson, Dorothy (*see* Aitken, Murray)
Anderson, Marjo J., *The American Census: A Social History,* 602
Anselin, Luc, *Spatial Econometrics: Methods and Models,* 905
Armstrong, M. (ed.), *Geostatistics: Proceedings of the Third International Geostatistics Congress, September 5–9, 1988, Avignon, France,* 906
Arnold, Barry C., and Balakrishnan, N., *Relations, Bounds and Approximations for Order Statistics,* 260
Ary, Donald (*see* Suen, Hoi K.)
Barndorff-Nielson, Ole E., *Parametric Statistical Models and Likelihood,* 260
Barnes, J. Wesley, *Statistical Analysis per Engineers: A Computer-Based Approach,* 265
Bates, Douglas M., and Watts, Donald G., *Nonlinear Regression Analysis and Its Applications,* 594
Bean, Frank D., and Tienda, Marta, *The Hispanic Population of the United States,* 902
Beatty, John (*see* Gigerenzer, Gerd)
Becker, Niels G., *Analysis of Infectious Disease Data,* 907
Bernardo, J. M., DeGroot, M. H., Lindley, D. V., and Smith, A. F. M. (eds.), *Bayesian Statistics 3: Proceedings of the Third Valencia International Meeting, June 1–5, 1987,* 1168
Blom, Gunnar, *Probability and Statistics: Theory and Applications,* 912
Billy, John O. G. (*see* McLaughlin, Steven D.)
Bolasco, S. (*see* Coppi, R.)
Bollen, Kenneth A., *Structural Equations With Latent Variables,* 1175
Bongaarts, John, Burch, Thomas K., and Wachter, Kenneth W. (eds.), *Family Demography: Methods and Their Applications,* 269
Braun, Henry I. (*see* Wainer, Howard)
Bretthorst, G. Larry, *Bayesian Spectrum Analysis and Parameter Estimation,* 258
Burch, Thomas K. (*see* Bongaarts, John)
Cacoullos, T., *Exercises in Probability,* 264
Carroll, Raymond J., and Ruppert, David, *Transformation and Weighting in Regression,* 593
Chatfield, Christopher, *Problem Solving: A Statistician's Guide,* 1169
Chhikara, Raj S., and Folks, J. Leroy, *The Inverse Gaussian Distribution: Theory, Methodology, and Applications,* 908
Clarotti, C. A., and Lindley, D. V. (eds.), *Accelerated Life Testing and Experts' Opinions in Reliability,* 908
Cleveland, William S., and McGill, Marylyn E. (eds.), *Dynamic Graphics for Statistics,* 599
Cohn, Victor, *News & Numbers: A Guide to Reporting Statistical Claims and Controversies in Health and Related Fields,* 591
Consortium for Mathematics and Its Applications, *Against All Odds: Inside Statistics,* 262
Coppi, R., and Bolasco, S. (eds.); Critchley, F., Escofier, Y., Heiser, W., Lauro, N., and Meulman, J. (assoc. eds.), *Multiway Data Analysis,* 1177
Cox, D. R., and Snell, E. J., *Analysis of Binary Data,* 1171
Critchley, F. (*see* Coppi, R.)
Daley, D. J., and Vere-Jones, D., *An Introduction to the Theory of Point Processes,* 262
Daston, Lorraine (*see* Gigerenzer, Gerd)
DeGroot, M. H. (*see* Bernardo, J. M.)
Dehnad, Khosrow (ed.), *Quality Control, Robust Design, and the Taguchi Method,* 601
Dielman, Terry E., *Pooled Cross-Sectional and Time Series Data Analysis,* 257
Dijkstra, J. B., *Analysis of Means in Some Non-Standard Situations,* 261
Doran, Howard E., *Applied Regression Analysis in Econometrics,* 595
Duffie, Darrel, *Security Markets, Stochastic Models,* 906
Duncan, Greg J. (*see* Kasprzyk, Daniel)
Dykstra, R. L. (*see* Robertson, Tim)
Escofier, Y. (*see* Coppi, R.)
Fienberg, Stephen E. (ed.), *The Evolving Role of Statistical Assessments as Evidence in Courts,* 591
Flury, Bernhard, *Common Principal Components and Related Multivariate Models,* 259
Flury, Bernhard, and Riedwyl, Hans, *Multivariate Statistics: A Practical Approach,* 600
Folks, J. Leroy (*see* Chhikara, Raj S.)
Francis, Brian (*see* Aitken, Murray)
Gigerenzer, Gerd, Swijtink, Zeno, Porter, Theodore, Daston, Lorraine, Beatty, John, and Krüger, Lorenz, *The Empire of Chance: How Probability Changed Science and Everyday Life,* 592
Groves, Robert M., *Survey Errors and Survey Costs,* 1178
Gunst, Richard F. (*see* Mason, Robert L.)
Gupta, Sudhir, and Mukerjee, Rahul, *A Calculus for Factorial Arrangements,* 1179
Haaland, Perry D., *Experimental Design in Biotechnology,* 907
Heiberger, Richard M., *Computation for the Analysis of Designed Experiments,* 1178
Heiser, W. (*see* Coppi, R.)
Hess, James L. (*see* Mason, Robert L.)
Hinds, John (*see* Aitken, Murray)
Hosmer, David W., Jr., and Lemeshow, Stanley, *Applied Logistic Regression,* 901
Jagar, J. C., and Ruitenberg, E. J. (eds.), *Statistical Analysis and Mathematical Modelling of AIDS,* 593
Johnson, Norman L. (*see* Katz, Samuel)
Johnson, Terry R. (*see* McLaughlin, Steven D.)
Judd, Charles M., and McClelland, Gary H., *Data Analysis: A Model-Comparison Approach,* 600
Kalton, Graham (*see* Kasprzyk, Daniel)
Kariya, Takeaki, and Sinha, Bimal K., *Robustness of Statistical Tests,* 598
Kasprzyk, Daniel, Duncan, Greg J., Kalton, Graham, and Singh, M. P. (eds.), *Panel Surveys,* 601
Keppel, Geoffrey, and Zedeck, Sheldon, *Data Analysis for Re-*

search Designs: Analysis of Variance and Multiple Regression/ Correlation Approaches, 268
Kokoska, Stephen, and Nevison, Christopher, *Statistical Tables and Formulae,* 1180
Kotz, Samuel, Johnson, Norman J., and Read, Campbell B. (eds.), *Encyclopedia of Statistical Sciences,* 606
Krüger, Lorenz (*see* Gigerenzer, Gerd)
Lauro, N. (*see* Coppi, R.)
Lee, Peter M., *Bayesian Statistics: An Introduction,* 1167
Lemeshow, Stanley (*see* Hosmer, David W., Jr.)
Lieberson, Stanley, and Waters, Mary C., *From Many Strands: Ethnic and Racial Groups in Contemporary America,* 903
Lindley, D. V. (*see* Bernardo, J. M.; Ciarotti, C. A.)
Lindsey, James K., *The Analysis of Categorical Data Using GLIM,* 597
Lipsey, Mark W., *Design Sensitivity: Statistical Power for Experimental Research,* 1179
Lohmöller, Jan-Bernd, *Latent Variable Path Modeling With Partial Least Squares,* 909
London, Dick, *Survival Models and Their Estimation,* 1172
Lyons, Louis, *Statistics for Nuclear and Particle Physicists,* 266
Madansky, Albert, *Prescriptions for Working Statisticians,* 263
Mason, Robert L., Gunst, Richard F., and Hess, James L., *Statistical Design and Analysis of Experiments: With Applications to Engineering and Science,* 1170
Matheron, Georges, *Estimating and Choosing: An Essay on Probability in Practice,* 1167
Matloff, Norman S., *Probability Modeling and Computer Simulation: Integrated Introduction With Applications to Engineering and Computer Science,* 267
McCabe, George P. (*see* Moore, David S.)
McClelland, Gary H. (*see* Judd, Charles M.)
McGill, Marylyn (*see* Cleveland, William S.)
McLaughlin, Steven D., Melber, Barbara D., Billy, John O. G., Zimmerle, Denise M., Winges, Linda D., and Johnson, Terry R., *The Changing Lives of American Women,* 905
Mead, R., *The Design of Experiments: Statistical Principles for Practical Applications,* 597
Melber, Barbara D. (*see* McLaughlin, Steven D.)
Meulman, J. (*see* Coppi, R.)
Moore, David S., and McCabe, George P., *Introduction to the Practice of Statistics,* 262
Mukerjee, Rahul (*see* Gupta, Sudhir)
Müller, Hans-Georg, *Nonparametric Regression Analysis of Longitudinal Data,* 261
Nadaraya, E. A., *Nonparametric Estimation of Probability Densities and Regression Curves,* 598
Neuts, Marcel F., *Structured Stochastic Matrices of M/G/1 Type and Their Applications,* 1176
Nevison, Christopher (*see* Kokoska, Stephen)
Noreen, Eric W., *Computer Intensive Methods for Testing Hypotheses: An Introduction,* 599
Pfeiffer, Paul E., *Probability for Applications,* 1174
Phillips, John L., Jr., *How to Think About Statistics,* 912
Porter, Theodore (*see* Gigerenzer, Gerd)
Press, S. James, *Bayesian Statistics: Principles, Models and Applications,* 1166
Ratkowsky, David A., *Handbook of Nonlinear Regression Models,* 1172
Rawlings, John O., *Applied Regression Analysis: A Research Tool,* 1173
Read, Campbell B. (*see* Katz, Samuel)
Reiss, Rolf-Dieter, *Approximate Distributions of Order Statistics: With Applications to Nonparametric Statistics,* 260
Riedwyl, Hans (*see* Flury, Bernhard)
Robertson, Tim, Wright, F. T., and Dykstra, R. L., *Order Restricted Statistical Inference,* 596
Ross, Sheldon M., *Introduction to Probability and Statistics for Engineers and Scientists,* 263; *Introduction to Probability Models,* 606
Ruitenberg, E. J. (*see* Jagar, J. C.)
Ruppert, David (*see* Carroll, Raymond J.)
Samson, Danny, *Managerial Decision Analysis,* 911
Scheaffer, Richard L., *Introduction to Probability and Its Applications,* 1176
Schoen, Robert, *Modelling Multigroup Populations,* 905
Seber, G. A. F., and Wild, C. J., *Nonlinear Regression,* 594
Shumway, Robert H., *Applied Statistical Time Series Analysis,* 258
Singh, M. P. (*see* Kasprzyk, Daniel)
Sinha, Bimal K. (*see* Kariya, Takeaki)
Smith, A. F. M. (*see* Bernardo, J. M.)
Snell, E. J. (*see* Cox, D. R.)
Spall, James C. (ed.), *Bayesian Analysis of Time Series and Dynamic Models,* 1168
Spanos, Aris, *Statistical Foundations of Econometric Modelling,* 255
Sposito, Vincent A., *Linear Programming With Statistical Applications,* 265
Sprent, Peter, *Applied Nonparametric Statistical Methods,* 264
Srivastava, J. N. (ed.), *Probability and Statistics: Essays in Honor of Franklin A. Graybill,* 260
Starr, Paul (*see* Alonso, William)
Stoyanov, Jordan M., *Counterexamples in Probability,* 592
Subcommittee on Statistical Uses of Microcomputers in Federal Agencies, *Workshop on Statistical Uses of Microcomputers in Federal Agencies,* 605
Suen, Hoi K., and Ary, Donald, *Analyzing Quantitative Behavioral Observation Data,* 268
Swijtink, Zeno (*see* Gigerenzer, Gerd)
Tienda, Marta (*see* Bean, Frank D.)
van Laarhoven, P. J. M., *Theoretical and Computational Aspects of Simulated Annealing,* 596
van Montfort, Kees, *Estimating in Structural Models With Non-Normal Distributed Variables,* 910
Vere-Jones, D. (*see* Daley, D. J.)
Wachter, Kenneth W. (*see* Bongaarts, John)
Wainer, Howard, and Braun, Henry I. (eds.), *Test Validity,* 901
Waters, Mary C. (*see* Lieberson, Stanley)
Watts, Donald G. (*see* Bates, Douglas M.)
White, Michael J., *American Neighborhoods and Residential Differentiation,* 604
Wild, C. J. (*see* Seber, G. A. F.)
Winges, Linda D. (*see* McLaughlin, Steven D.)
Wright, F. T. (*see* Robertson, Tim)
Zedeck, Sheldon (*see* Keppel, Geoffrey)
Zimmerle, Denise M. (*see* McLaughlin, Steven D.)
Zopf, Paul E., Jr., *American Women in Poverty,* 603

REVIEWERS

Ahsanullah, Mohammad, 908
Angus, John E., 1174
Bagchi, Parthasarathy, 1168
Banks, David L., 264
Bhat, U. Narayan, 1176
Boik, Robert J., 259
Bromberg, Judith, 912
Carlin, Bradley P., 1173
Carlson, Roger, 606
Chiswick, Barry R., 903
Clark, Cynthia Z. F., 905
Clark, Virginia, 600
Eddy, William F., 599
Faulkenberry, G. David, 1178
Flack, Virginia F., 599
Fleiss, Joseph L., 907
Fung, Karen Y., 261
Ghosh, Subir, 260
Guthrie, Donald, 262, 606
Guttorp, Peter, 592
Hamer, Robert M., 268
Hamming, R. W., 592
Hauptly, Denis J., 591
Hausch, Donald B., 911
Heald, Mark A., 266
Heiberger, Richard M., 267
Hsiang, Thomas C., 601
Jones, Albyn C., 1176
Kadane, Joseph B., 1167
Kanazawa, Yuichiro, 907
Karr, Alan F., 262
Kass, Robert E., 594
Kianifard, Farid, 595
Kroonenberg, Pieter M., 909
Kupper, Lawrence L., 901
Lachenbruch, P. A., 267, 593, 597, 1179
LaVange, Lisa M., 268
Lock, Robin H., 912
Marden, John I., 598
Martin, Michael A., 264
McDonald, Roderick P., 1175
McGarity, Arthur E., 265
Mehta, J. S., 257
Melnick, Daniel, 602
Morgan, Timothy M., 1172
Mukerjee, Hari, 260

Murray, Leigh, 1170
Newton, H. Joseph, 1178
Notz, William I., 1179
Olsen, Randall J., 269
Pérez, Lisandro, 902
Polson, Nicholas G., 1167
Quade, Dana, 1180
Reid, N., 260
Rice, John, 261
Robinson, James M., 908
Rodgers, Joseph Lee, 1177
Samaniego, Francisco J., 1166
Santner, Thomas, 596
Satorra, Albert, 910
Schervish, Mark J., 1169
Scott, David W., 598
Shlay, Anne B., 604
Schmidley, A. Dianne, 603
Shumway, Robert H., 1168
Steele, J. Michael, 596
Steffey, Duane, 1171
Stout, William, 901
Sudman, Seymour, 601
Swamy, P. A. V. B., 257
Switzer, Paul, 906
Tanur, Judith M., 591
Teitel, Robert F., 605
Thompson, Howard E., 906
Tsay, Ruey S., 258
Turner, Margery Austin, 904
Vaupel, James W., 905
Wasserman, Larry, 597
Waternaux, Christine, 600
Wegge, Leon L., 255
Wei, William W. S., 258
Weiss, Robert E., 1172
Wolf, Frank L., 263
Wood, Kevin, 265
Yandell, Brian S., 905